CLAIMS

I claim:

Sub a2

1. A method of overcoming a watermark security system, comprising:

receiving a request for a requested segment of a plurality of segments that comprises a data set,

locating a substitute segment from a collection of substitute segments,

the substitute segment having a watermark that contains a watermark value that is associated with the requested segment, and

communicating the substitute segment in response to the request for the requested segment.

2. The method of claim 1, wherein

locating a substitute segment includes

determining the watermark value that is associated with the requested segment.

3. The method of claim 1, further including

identifying a select subset of the plurality of segments that comprise the data set, and

communicating the requested segment in response to the request when the requested segment is within the select subset.

4. The method of claim 3, further including

adding segments of the select subset to the collection of substitute segments.

5. The method of claim 1, further including

receiving a dictionary of the data set that identifies each watermark value corresponding to each segment of the plurality of segments comprising the data set, to facilitate determining the watermark value that is associated with the requested segment.

6. A substitution system, comprising:

an interface that is configured to receive a request for a requested segment of a plurality of segments comprising a data set,

a dictionary that is configured to provide a watermark value corresponding to the requested segment, and

a substitution device, operably coupled to the interface and to the dictionary, that is configured to provide a substitute segment from a collection of watermarked segments in response to the request,

wherein

the substitute segment includes a watermark that has the watermark value corresponding to the requested segment.

7. The substitution system of claim 6, further including

a select subset of segments of the plurality of segments comprising the data set,

wherein

the interface is further configured to provide the requested segment from the select subset of segments, when the requested segment is within the select subset.

8. The substitution system of claim 7, wherein

the substitution system is further configured to add segments of the select subset of segments to the collection of watermarked segments.

9. The substitution system of claim 6, wherein

the dictionary is further configured to receive a mapping of each watermark value corresponding to each segment of the plurality of segments comprising the data set, to facilitate a determination of the watermark value corresponding to the requested segment.

10. A computer program that, when executed on a computing system, is configured to facilitate the following operations:

receiving a request for a requested segment of a plurality of segments that comprises a data set,

locating a substitute segment from a collection of substitute segments, the substitute segment having a watermark that contains a watermark value that is associated with the requested segment, and

communicating the substitute segment in response to the request for the requested segment.

11. The computer program of claim 10, wherein the computer program further facilitates:

determining the watermark value that is associated with the requested segment.

12. The computer program of claim 10, wherein the computer program further facilitates:

identifying a select subset of the plurality of segments that comprise the data set, and

communicating the requested segment in response to the request when the requested segment is within the select subset.

13. The computer program of claim 12, wherein the computer program further facilitates:

adding segments of the select subset to the collection of substitute segments.

14. The computer program of claim 10, wherein the computer program further facilitates:

receiving a dictionary of the data set that identifies each watermark value corresponding to each segment of the plurality of segments comprising the data set, to facilitate determining the watermark value that is associated with the requested segment.

15. A method of creating a dictionary of substitute segments for overcoming a watermark security system, the method comprising:

receiving a request from the watermark security system for a select segment of a data set that includes a plurality of segments,

providing a substitute segment from a collection of substitute segments,

determining whether the substitute segment is acceptable to the watermark security system,

associating the substitute segment to the select segment of the data set, if the substitute segment is acceptable to the watermark security system.

16. The method of claim 15, wherein

the dictionary is configured to contain a set of associations of substitute segments for the plurality of segments of the data set.